

(Supply similar information and signature for third and subsequent joint inventors.)

POWER OF ATTORNEY

The undersigned, appointed principal attorney in the accompanying application of: Ronald A. Katz

for: TELEPHONIC-INTERFACE STATISTICAL ANALYSIS SYSTEM

executed on: May 4, 1988

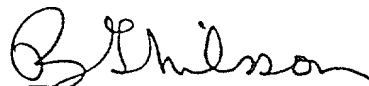
hereby appoints:

<u>Attorney</u>	<u>Registration No.</u>
Billy A. Robbins	18,313
Lewis M. Dalgarn	20,415
Robert Berliner	20,121
M. John Carson	25,090
Harold E. Wurst	22,183
Michael S. Elkind	28,710
Gregory B. Wood	28,133
Robert A. Green	28,301
H. Adam Cochran	29,373
Michael A. Kondzella	18,013
Michael C. Schiffer	30,215
G. Keith deBrucky	29,145

all partners and associates of Nilsson, Robbins, Dalgarn, Berliner, Carson & Wurst, associate attorneys in said application, to prosecute this application, and to transact business in the Patent and Trademark Office connected with this application; and I hereby give Thomas J. Lannon, Registration No. 18,417, the power to inspect the application papers, to prosecute this application, and to transact business in the Patent and Trademark Office connected with this application.

Please address all correspondence to Nilsson, Robbins, Dalgarn, Berliner, Carson & Wurst, 201 North Figueroa Street, Los Angeles, California 90012.

Date: May 11, 1988



Byard G. Nilsson
Registration No. 17,350

Docket No.: 3194-102A2

(213) 977-1001

09827644-040504
F05040-4742860

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Ronald A. Katz

Serial No. 09/270,241

Filed: March 15, 1999

For: **TELEPHONIC-INTERFACE STATISTICAL
ANALYSIS SYSTEM**

Dkt. No.: 236/205

(previous dkt. no. 6646-101NL)

) Group Art Unit: 2743

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) Examiner: Woo, S.

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REVOCATION AND GRANT OF POWER OF ATTORNEY

Commissioner for Patents
Washington, D.C. 20231

Sir:

All powers of attorney granted before to all the attorneys and representatives of Lyon & Lyon, except for Reena Kuyper, Reg. No. 33,830 (registered patent agent) are revoked.

I, Ronald A. Katz, am the president of A2D Corporation, a California corporation, which corporation is a general partner of A2D, L.P., a California limited partnership, which limited partnership is a general partner of RONALD A. KATZ TECHNOLOGY LICENSING, L.P., a California limited partnership, the assignee owning all of the interest in this application, and by virtue of the foregoing relationships, I execute this document on its behalf to appoint as its attorneys and representatives, with full powers of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected with it, Reena Kuyper, Reg. No. 33,830 (registered patent agent), previously with

Lyon & Lyon; and Byard G. Nilsson, Reg. No. 17,350; both now with A2D, L.P., which limited partnership is a general partner of RONALD A. KATZ TECHNOLOGY LICENSING, L.P., both entities located at 9220 Sunset Boulevard, Suite 315, Los Angeles, California 90069, telephone: (310) 247-8191.

The Assignment of this application to RONALD A. KATZ TECHNOLOGY LICENSING, L.P., was recorded on September 26, 1994, on Reel 7133, Frames 90-100.

Also, I have reviewed the assignment documents and hereby certify that, to the best of my knowledge and belief, title to the subject matter of this application is with RONALD A. KATZ TECHNOLOGY LICENSING, L.P.

Date: 2/9/01 By: Ronald A. Katz
RONALD A. KATZ

Chief Executive of
A2D, Corporation, a California Corporation,
Said A2D, Corporation, general partner of,
A2D, L.P., a California Limited Partnership, Said A2D,
L.P., general partner of,
Ronald A. Katz Technology Licensing, L.P., a
California Limited Partnership

New Address:
RONALD A. KATZ TECHNOLOGY LICENSING, L.P.
9220 Sunset Blvd., Suite 315
Los Angeles, CA 90069
Telephone: (310) 247-8191

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	Group Art Unit: 2605
)	
Ronald A. Katz)	Examiner: S. Woo
)	
Serial No. 08/475,425)	
)	
Filed: June 7, 1995)	
)	
For: TELEPHONIC-INTERFACE STATISTICAL)	
ANALYSIS SYSTEM)	
)	
Dkt. No.: 228/022)	
(previous dkt. nos. 9002-1B670USD and 6646-101D3))	
)	

REVOCATION AND GRANT OF POWER OF ATTORNEY

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

All powers of attorney granted before are revoked.

I, Ronald A. Katz, am the president of A2D Corporation, a California corporation, which corporation is a general partner of A2D, L.P. a California limited partnership, which limited partnership is a general partner of RONALD A. KATZ TECHNOLOGY LICENSING, L.P., a California limited partnership, the assignee owning all of the interest in this application, and by virtue of the foregoing relationships I execute this document on its behalf to appoint as its attorneys and representatives, with full powers of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office

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connected with it, David B. Murphy, Reg. No. 31,125, and Reena Kuyper, Reg. No. 33,830
(registered patent agent); and

Roland N. Smoot, Reg. No. 18,718; Conrad R. Solum, Jr., Reg. No. 20,467;
James W. Geriak, Reg. No. 20,233; Robert M. Taylor, Jr., Reg. No. 19,848;
Samuel B. Stone, Reg. No. 19,297; Douglas E. Olson, Reg. No. 22,798;
Robert E. Lyon, Reg. No. 24,171; Robert C. Weiss, Reg. No. 24,939; Richard
E. Lyon, Jr., Reg. No. 26,300; John D. McConaghy, Reg. No. 26,773;
William C. Steffin, Reg. No. 26,811; Coe A. Bloomberg, Reg. No. 26,605; J.
Donald McCarthy, Reg. No. 25,119; John M. Benassi, Reg. No. 27,483; James
H. Shalek, Reg. No. 29,749; Allan W. Jansen, Reg. No. 29,395; Robert W.
Dickerson, Reg. No. 29,914; Roy L. Anderson, Reg. No. 30,240; David
Murphy, Reg. No. 31,125; James C. Brooks, Reg. No. 29,898; Jeffrey M.
Olson, Reg. No. 30,790; Steven D. Hemminger, Reg. No. 30,755; Jerrold B.
Reilly, Reg. No. 32,293; Paul H. Meier, Reg. No. 32,274; John A. Rafter, Jr.,
Reg. No. 31,653; Kenneth H. Ohriner, Reg. No. 31,646; Mary S. Consalvi,
Reg. No. 32,212; Lois M. Kwasigroch, Reg. No. 35,579; Robert C.
Laurenson, Reg. No. 34,206; Carol A. Schneider, Reg. No. 34,923; Hope E.
Melville, Reg. No. 34,874; Michael J. Wise, Reg. No. 34,047; and Richard J.
Warburg, Reg. No. 32,327;

all of LYON & LYON, First Interstate World Center, 633 West Fifth Street, Suite 4700,
Los Angeles, California 90071-2066, telephone: (213) 489-1600.

The Assignment of this application to RONALD A. KATZ TECHNOLOGY
LICENSING, L.P., was recorded on September 26, 1994, on Reel 7133, Frames 95-100.

Also, I have reviewed the assignment documents and hereby certify that, to the best
of my knowledge and belief, title to the subject matter of this application is with

RONALD A. KATZ TECHNOLOGY LICENSING, L.P.

Date: 9/16/97

By: 

Ronald A. Katz
President
A2D Corporation

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ronald A. Katz)
Serial No.: 07/335,923) Examiner: T. Brown
Filed: April 10, 1989) Art Unit: 2601
For: TELEPHONIC-INTERFACE)
STATISTICAL ANALYSIS SYSTEM)
New Docket No.: 6646-101N1)
(Previous Docket No.: 4646-101N))

POWER OF ATTORNEY BY ASSIGNEE

Commissioner of Patents
and Trademarks
Washington, D. C. 20231

Sir:

I, Ronald A. Katz, am the President of A2D Corporation, a California corporation, which corporation is a general partner of A2D, L.P., a California limited partnership, which limited partnership is a general partner of RONALD A. KATZ TECHNOLOGY LICENSING, L.P., a California limited partnership and assignee of the entire right, title and interest in the application for United States Letters Patent entitled TELEPHONIC-INTERFACE STATISTICAL ANALYSIS SYSTEM, and am authorized to sign on its behalf.

The Assignment of this application to RONALD A. KATZ TECHNOLOGY LICENSING, L.P., has been submitted to the Assignment Branch and was received on September 26, 1994.

I have reviewed the foregoing document and hereby certify that, to the best of my knowledge and belief, title to the

subject matter of this patent application is in RONALD A. KATZ
TECHNOLOGY LICENSING, L.P.

I hereby appoint: Byard G. Nilsson, Reg. No. 17,350, Harold
E. Wurst, Reg. No. 22,183, Robert A. Green, Reg. No. 28,301, Anne
Wang, Reg. No. 36,045, all members of the bar of one or more
states, Reena Kuyper, Patent Agent, Reg. No. 33,830, all of the
law firm of Nilsson, Wurst & Green, 707 Wilshire Blvd., 32nd
Floor, Los Angeles, California 90017; and Thomas J. Lannon,
Registration No. 18,417, 105 Whittier St., NW, Washington, DC
20012, to prosecute this application and to transact all business
in the United States Patent and Trademark Office in connection
therewith.

Please send all correspondence to:

NILSSON, WURST & GREEN
707 Wilshire Blvd., 32nd Floor
Los Angeles, California 90017
U.S.A.

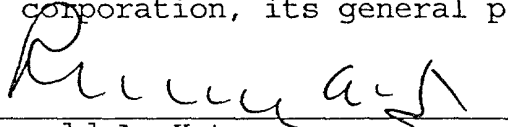
Telephone (213) 243-8000

RONALD A. KATZ TECHNOLOGY
LICENSING, L.P., a California limited
partnership,

By: A2D, L.P., a California limited
partnership, its general partner

By: A2D Corporation, a California
corporation, its general partner

By:


Ronald A. Katz
President,
A2D Corporation

Attorney Docket No. 6646-101N1

6646-101N1.poa

A S S I G N M E N T

WHEREAS, I, RONALD A. KATZ residing at 570 S. Mapleton Drive, Los Angeles, California 90024, have invented a new and useful TELEPHONIC-INTERFACE STATISTICAL ANALYSIS SYSTEM, for which I have executed application papers for United States Letters Patent thereon on May 4, 1988, and filed said application on or about May 11, 1988, said application being identified as Docket No. 3194-102A2 of the law firm of Nilsson, Robbins, Dalgarn, Berliner, Carson & Wurst; and

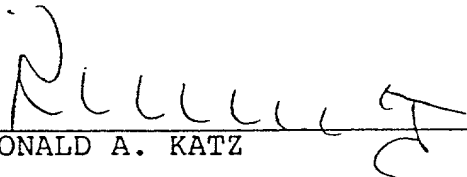
WHEREAS, RONALD A. KATZ TECHNOLOGIES CORPORATION, a California corporation, having its principal place of business at 570 S. Mapleton Drive, Los Angeles, California 90024, is desirous of acquiring the entire and exclusive right, title and interest in and to the said invention in the United States and throughout the world, and in and to any Letters Patent which may be granted and issued therefor;

NOW, THEREFORE, for the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, the said RONALD A. KATZ, by these presents does hereby sell, assign, transfer and set over unto the said RONALD A. KATZ TECHNOLOGIES CORPORATION, its successors and assigns, the entire and exclusive right, title and interest in and to said invention, in the United States and throughout the world, and in and to any Letters Patent which may be granted and issued therefor, and in and to

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any continuations, divisions, reissues and extensions of said Letters Patent and all international priority rights associated therewith; and I further agree to sign all papers and perform all acts, without any further consideration but at no cost or expense to me, as said RONALD A. KATZ TECHNOLOGIES CORPORATION may deem necessary to make this Assignment fully effective, including the execution of any and all original, reissue, divisional and continuing United States and foreign patent applications.

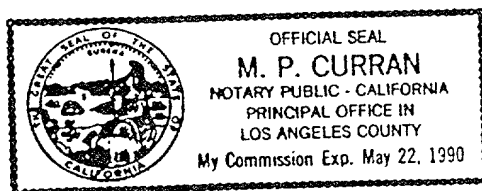
And I hereby authorize and request the Commissioner of Patents and Trademarks to issue the said United States Letters Patent to said RONALD A. KATZ TECHNOLOGIES CORPORATION, its successors and assigns.

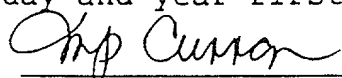

RONALD A. KATZ

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

On this 20th day of May —, 1988, before me, a Notary Public, personally appeared RONALD A. KATZ, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.




Notary Public

CONSENT OF SPOUSE

The undersigned, the spouse of Ronald A. Katz, hereby (i) consents to the terms and conditions of this Assignment, (ii) agrees that her interest, whether by way of community property or otherwise, in and to the Letters Patent described therein shall be bound by the terms of this Assignment, (iii) agrees to execute any other and further documents necessary to effectuate the terms of the Assignment.

Dated: 5-19-88

Signature: Madelyn R. Katz
Madelyn R. Katz

A S S I G N M E N T

WHEREAS, RONALD A. KATZ TECHNOLOGIES CORPORATION, a California corporation, having its principal place of business at 570 S. Mapleton Drive, Los Angeles, California 90024, has been assigned the entire and exclusive right, title and interest in and to a new and useful invention TELEPHONIC-INTERFACE STATISTICAL ANALYSIS SYSTEM, for which a United States Letters Patent application was executed on May 4, 1988 and has been filed on or about May 11, 1988, said application being identified as Docket No. 3194-102A2 of the law firm of Nilsson, Robbins, Dalgarn, Berliner, Carson & Wurst; and


WHEREAS, FDR Interactive Technologies, a New York partnership, having its principal place of business at 200 Vesey Street, New York, New York 10285, is desirous of acquiring the entire and exclusive right, title and interest in and to the said invention in the United States and throughout the world, and in and to any Letters Patent which may be granted and issued therefor and any continuations, divisions, reissues and extensions of said Letters Patent and all international priority rights associated therewith;

NOW, THEREFORE, for the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, said Ronald A. Katz Technologies Corporation, by these presents does hereby sell, assign, transfer and set over unto the said FDR Interactive Technologies, its successors and assigns, the entire and exclusive right, title and interest in and to said invention, in the United States and

throughout the world, and in and to any Letters Patent which may be granted and issued therefor, and in and to any continuations, divisions, reissues and extensions of said Letters Patent and all international priority rights associated therewith; and Ronald A. Katz Technologies Corporation further agrees to sign all papers and perform all acts, without any further consideration but at no cost or expense to it, as said FDR Interactive Technologies may deem necessary to make this Assignment fully effective or to otherwise comply with applicable patent laws and regulations, including, but not limited to, the execution of any and all original, reissue, divisional and continuing United States and foreign patent applications.

And Ronald A. Katz Technologies Corporation hereby authorizes and requests the Commissioner of Patents and Trademarks to issue the said United States Letters Patent to said FDR Interactive Technologies, its successors and assigns.

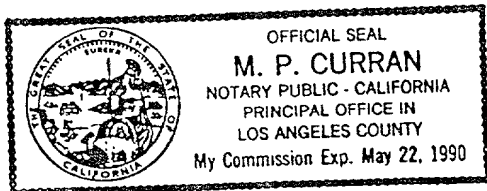
RONALD A. KATZ TECHNOLOGIES
CORPORATION

By: 
Ronald A. Katz, President

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

On this 20th day of May, 1988, before me, a Notary Public, personally appeared Ronald A. Katz, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person who executed the within instrument as the President or on behalf of the corporation therein named and acknowledged to me that the corporation executed it.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.



M. P. Curran

Notary Public

0520881-296

ASSIGNMENT OF PATENT RIGHTS

WHEREAS, FDR INTERACTIVE TECHNOLOGIES, a New York general partnership ("FDR INTERACTIVE") (sometimes erroneously referred to as a corporation), having its principal place of business at 2301 North 117th Avenue, Omaha, Nebraska 68164, is the assignee of certain patents and patent rights of record in the United States Patent and Trademark Office, herein collectively called the ASSIGNED PATENT RIGHTS, as follows:

Issued Patents

<u>Patent No.</u>	<u>Issued</u>	<u>Title</u>	<u>Attorney Docket</u>
4,792,968	12/20/88	STATISTICAL ANALYSIS SYSTEM FOR USE WITH PUBLIC COMMUNICATION FACILITY	4646-101C
4,845,739	7/4/89	TELEPHONIC-INTERFACE STATISTICAL ANALYSIS SYSTEM	4646-101C2

Pending Patent Applications

<u>Serial No.</u>	<u>Filed</u>	<u>Title</u>	
260,104	10/20/88	TELEPHONIC INTERFACE CONTROL SYSTEM	4646-108
312,792	2/21/89	VOICE-DATA TELEPHONIC CONTROL SYSTEM	4646-114

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332,088	4/3/89	EXPANDED TELEPHONE DATA ORGANIZATION SYSTEM	4646-119
335,923	4/10/89	TELEPHONIC-INTERFACE STATISTICAL ANALYSIS SYSTEM	4646-101N
342,000	4/24/89	TELEPHONIC-INTERFACE STATISTICAL ANALYSIS SYSTEM	4646-101N2
371,188	6/26/89	MULTIPLE PARTY TELEPHONE CONTROL SYSTEM	4646-119
386,076	7/28/89	TELEPHONE PROGRAMMING SYSTEM FOR AUTOMATED CALLING; and	4646-124
EUROPE- 86 90 4668.C	3/10/87	STATISTICAL ANALYSIS SYSTEM FOR USE WITH PUBLIC COMMUNICATION FACILITY	4646-101
JAPAN- 503886/86	3/10/87	STATISTICAL ANALYSIS SYSTEM FOR USE WITH PUBLIC COMMUNICATION FACILITY	4646-101

WHEREAS, FIRST DATA RESOURCES INC., a Delaware corporation, having its principal place of business at 10825 Farnam Drive, Omaha, Nebraska 68154, is desirous of acquiring the rights of FDR INTERACTIVE in the ASSIGNED PATENT RIGHTS-

AND, THEREFORE, for the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and effect of which are hereby acknowledged, FDR INTERACTIVE presents does hereby sell, assign, transfer and set over to FIRST DATA RESOURCES INC., its successors and assigns the entire and exclusive right, title and interest in

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and to all inventions in the United States and throughout the world (with priority rights) in and to the ASSIGNED PATENT RIGHTS, and in and to any continuations, divisions, reissues and extensions of the ASSIGNED PATENT RIGHTS, together with all claims for damages by reason of past infringement of any ASSIGNED PATENT RIGHTS, with the right to sue for and collect the same, and FDR INTERACTIVE further agrees to execute and have executed (to the extent possible) all papers and to perform all acts, without any further consideration but at no cost or expense to FDR INTERACTIVE, as deemed necessary by FIRST DATA RESOURCES INC., including the execution of any related domestic or foreign application documents.

FDR INTERACTIVE hereby authorizes and requests the Commissioner of Patents and Trademarks to issue the United States Letters Patents resulting from all the applications in the ASSIGNED PATENT RIGHTS to FIRST DATA RESOURCES INC., its successors and assigns.

FDR INTERACTIVE TECHNOLOGIES,
a New York general partnership
(sometimes erroneously referred to
as a corporation)

By: FDR INTERACTIVE TECHNOLOGIES
CORPORATION, a New York
corporation

By: [Signature]
Its Chairman

STATE OF New York
COUNTY OF New York

ss.

On this 2nd day of August in the year 1989,
before me Karen Cilia, a Notary Public, State of
New York, duly commissioned and sworn, personally
appeared Henry Dugues, personally known to me (or
proved to me on the basis of satisfactory evidence) to be the
person who executed the within instrument as
Chairman of or on behalf of said corporation as a
general partner of the partnership therein named, and
acknowledged to me that such corporation executed the same on
behalf of the partnership.

IN WITNESS WHEREOF, I have hereunto set my hand and
affixed my official seal in the City of New York,
County of New York, State of New York,
on the date set forth above in this certificate.

RECORDED
PATENT & TRADEMARK OFFICE

[Seal]

AUG 21 89

Donald J. Zipp
COMMISSIONER OF PATENTS
FOR THE UNITED STATES OF AMERICA

Karen A. Cilia
Notary Public

My commission expires: _____

KAREN A. CILIA
Notary Public, State of New York
No. 41-4839769
Qualified in Queens County
Certificate Filed in New York County
Commission Expires March 30, 1989
Aug 31

RECEIVED
FEB 16 1989

ATTACHMENT TO RECORDATION FORM COVER SHEET

Conveying Party: First Data Resources Inc.
 Receiving Party: Ronald A. Katz Technology Licensing, L.P.
 Nature of Conveyance: Assignment

Continuation of Item 4

Issued Patents

UNITED STATES

Patent No.	Title	Issued	Attorney Docket
4,071,698	Telephone system for Audio Demonstration and Marketing of Goods or Services	1/31/1978	4646-117 (Expired)
4,792,968	Statistical Analysis System for Use With Public Communication Facility	12/20/1988	4646-101C
4,845,739	Telephonic-Interface Statistical Analysis System	7/4/1989	4646-101C2
4,930,150	Telephonic Interface Control System	5/29/1990	4646-108
4,932,046	Telephone Programming System for Automated Calling	6/5/1990	4646-124
4,939,773	Multiple Party Telephone Control System	7/3/1990	4646-119
4,975,945	Universal Telephone Call Relay System	12/4/1990	4646-122

REEL 7133 FRAME 91

4,987,590	Multiple Party Telephone Control System	1/22/1991	4646-119N
5,014,298	Voice-Data Telephonic Control System	5/7/1991	4646-114C2
5,016,270	Expanded Telephone Data Organization System	5/14/1991	4646-116
5,048,075	Telephonic-Interface Statistical Analysis System	9/10/1991	4646-101N3
5,073,929	Voice-Data Telephonic Control System	12/17/1991	4646-114
5,091,933	Multiple Party Telephone Control System	2/25/1992	4646-119N2
5,109,404	Telephone Call Processor With Select Call Routing	4/28/1992	4646-129
5,128,984	Telephone Interface Call Processing System With Call Selectivity	7/7/1992	4646-114C
5,185,787	Multiple Party Telephone Control System With Random Dialing for Polling	2/9/1993	4646-119N3
5,218,631	Telephonic-Interface Game Control System	6/8/1993	4646-130
5,224,153	Voice-Data Telephonic Interface Control System	6/29/1993	4646-114C3
5,251,252	Telephone Interface Call Processing System With Call Selectivity	10/5/1993	4646-114CN

5,255,309	Telephonic-Interface Statistical Analysis System	10/19/1993	4646-101NA
5,259,023	Telephonic-Interface Statistical Analysis System	11/2/1993	4646-101NB
5,297,197	Multiple Party Telephone Control System	3/22/1994	4646-119N4
5,349,633	Telephonic-Interface Game Control System	9/20/1994	4646-130N2
5,351,285	Multiple Format Telephonic Interface Control System	9/27/1994	4646-108CN

Pending Patent Applications

UNITED STATES

Serial No.	Title	Filing Date	Attorney Docket
07/335,923	Telephonic-Interface Statistical Analysis System	4/10/1989	4646-101N
07/640,337	Telephonic-Interface Statistical Analysis System	1/11/1991	4646-101N4
07/756,956	Telephonic-Interface Lottery System	9/9/1991	4646-101C3 (Allowed)
08/058,452	Voice-Data Telephonic Interface Control System	5/7/1993	4646-114C4 (Allowed)
08/073,585	Telephonic-Interface Game Control System	6/7/1993	4646-130N

08/132,062	Telephone Interface Call Processing System With Call Selectivity	10/4/1993	4646-114N1
08/139,307	Telephonic-Interface Statistical Analysis System	10/18/1993	4646-101NC
not yet assigned	Telephonic-Interface Lottery System	9/13/1994	4646-101D4
not yet assigned	Multiple Format Telephonic Interface Control System	9/14/1994	4646-108N3
not yet assigned	Voice-Data Telephonic Interface Control System	9/14/1994	4646-114N5
not yet assigned	Telephonic-Interface Lottery System	9/14/1994	4646-101N5

ASSIGNMENT OF PATENT RIGHTS

WHEREAS, FIRST DATA RESOURCES INC., a Delaware corporation ("FDR"), having a place of business at 2301 North 117th Avenue, Omaha, Nebraska 68164, is the assignee of certain patents and patent rights of record in the United States Patent and Trademark Office, herein collectively called the ASSIGNED PATENT RIGHTS, as follows:

Issued Patents

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4,845,739	Telephonic-Interface Statistical Analysis System	7/4/1989	4646-101C2
4,930,150	Telephonic Interface Control System	5/29/1990	4646-108
4,932,046	Telephone Programming System for Automated Calling	6/5/1990	4646-124
4,939,773	Multiple Party Telephone Control System	7/3/1990	4646-119
4,975,945	Universal Telephone Call Relay System	12/4/1990	4646-122
4,987,590	Multiple Party Telephone Control System	1/22/1991	4646-119N

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5,014,298	Voice-Data Telephonic Control System	5/7/1991	4646-114C2
5,016,270	Expanded Telephone Data Organization System	5/14/1991	4646-116
5,048,075	Telephonic-Interface Statistical Analysis System	9/10/1991	4646-101N3
5,073,929	Voice-Data Telephonic Control System	12/17/1991	4646-114
5,091,933	Multiple Party Telephone Control System	2/25/1992	4646-119N2
5,109,404	Telephone Call Processor With Select Call Routing	4/28/1992	4646-129
5,128,984	Telephone Interface Call Processing System With Call Selectivity	7/7/1992	4646-114C
5,185,787	Multiple Party Telephone Control System With Random Dialing for Polling	2/9/1993	4646-119N3
5,218,631	Telephonic-Interface Game Control System	6/8/1993	4646-130
5,224,153	Voice-Data Telephonic Interface Control System	6/29/1993	4646-114C3
5,251,252	Telephone Interface Call Processing System With Call Selectivity	10/5/1993	4646-114CN
5,255,309	Telephonic-Interface Statistical Analysis System	10/19/1993	4646-101NA

5,259,023	Telephonic-Interface Statistical Analysis System	11/2/1993	4646-101NB
5,297,197	Multiple Party Telephone Control System	3/22/1994	4646-119N4
5,349,633	Telephonic-Interface Game Control System	9/20/1994	4646-130N2
5,351,285	Multiple Format Telephonic Interface Control System	9/27/1994	4646-108CN

Pending Patent Applications

Serial No.	Title	Filing Date	Attorney Docket
07/335,923	Telephonic-Interface Statistical Analysis System	4/10/1989	4646-101N
07/640,337	Telephonic-Interface Statistical Analysis System	1/11/1991	4646-101N4
07/756,956	Telephonic-Interface Lottery System	9/9/1991	4646-101C3 (Allowed)
08/058,452	Voice-Data Telephonic Interface Control System	5/7/1993	4646-114C4 (Allowed)
08/073,585	Telephonic-Interface Game Control System	6/7/1993	4646-130N
08/132,062	Telephone Interface Call Processing System With Call Selectivity	10/4/1993	4646-114N1

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08/139,307	Telephonic-Interface Statistical Analysis System	10/18/1993	4646-101NC
not yet assigned	Telephonic-Interface Lottery System	9/13/1994	4646-101D4
not yet assigned	Multiple Format Telephonic Interface Control System	9/14/1994	4646-108N3
not yet assigned	Voice-Data Telephonic Interface Control System	9/14/1994	4646-114N5
not yet assigned	Telephonic-Interface Lottery System	9/14/1994	4646-101N5

WHEREAS, FDR desires to contribute to the capital of RONALD A. KATZ TECHNOLOGY LICENSING, L.P., a California limited partnership ("PARTNERSHIP"), having a place of business at 9401 Wilshire Boulevard, Suite 800, Beverly Hills, California 90212, all rights of FDR in the ASSIGNED PATENT RIGHTS, subject to certain preexisting licenses;


NOW, THEREFORE, FDR by these presents does hereby contribute, assign, transfer and set over unto PARTNERSHIP, its successors and assigns, the entire and exclusive right, title and interest in and to all inventions in the United States and throughout the world (with priority rights) in and to the ASSIGNED PATENT RIGHTS, and in and to any continuations, continuations-in-part, divisions, reissues, extensions and foreign counterparts of the ASSIGNED PATENT RIGHTS, together with all claims for damages by reason of past infringement of any ASSIGNED PATENT RIGHTS, with the right to sue for and collect the same, but subject to all rights and licenses, exclusive and non-exclusive, which FDR has heretofore granted or agreed to grant under said ASSIGNED PATENT RIGHTS, and FDR further agrees to execute and have executed (to the extent possible) all papers and to perform all acts, without any further consideration and at the cost and expense of FDR, as deemed reasonably necessary to perfect in

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PARTNERSHIP the foregoing rights, title and interests, including the execution of any related domestic or foreign application documents.

FDR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue the United States Letters Patents resulting from all the applications in the ASSIGNED PATENT RIGHTS to PARTNERSHIP, its successors and assigns.

FIRST DATA RESOURCES INC.,
a Delaware Corporation

By 
Its Authorized Signatory
Date September 17, 1994

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OFFICE

ALL PURPOSE ACKNOWLEDGMENT

STATE OF Colorado

COUNTY OF Arapahoe

On 9/17/94 before me, Martie Chudwick Notary Public,

personally appeared Charles T. Folt
NAME(S) OF SIGNER(S)

☒ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

Witness my hand and official seal.

M Chudwick
SIGNATURE OF NOTARY

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CAPACITY CLAIMED BY
SIGNER

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